

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

IN RE APPLICATION OF: Scott DRESDEN

APPLICATION No.: 10/664,787

FILED: SEPTEMBER 17, 2003

For: Neural-based internet search engine with fuzzy and  
learning processes implemented by backward propagation

EXAMINER: USMAAN SAEED

ART UNIT: 2166

CONF. No: 4792

ATTY DOCKET: BRAN.P001.B

**Preliminary Amendment**

Mail Stop: No-Fee Amendment  
Commissioner for Patents  
Box 1450  
Alexandria, VA 22313-1450

Dear Examiner Saeed:

Please enter the following amendment, before beginning substantive examination;

- ▶ Changes to the claims being on Page. 2.
- ▶ Remarks begin on page 5.